

Serial No. 09/977,655
Group Art Unit 2182

2182
PU020229
#5



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

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Inventor(s) : John E. Liron
Serial No. : 09/977,655
Filed : October 12, 2001
Title : Routing Switcher with Variable Input/Output Architecture
Art Unit : 2182

APPOINTMENT OF ATTORNEYS

CHANGE OF CORRESPONDENCE ADDRESS

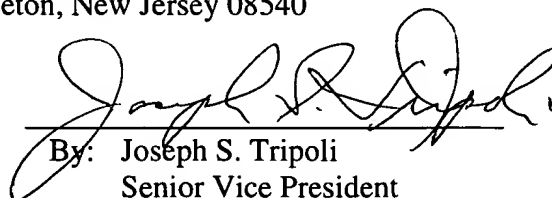
I, **Joseph S. Tripoli**, attorney in fact for Grass Valley, Inc, the assignee of record of the above-identified application, do hereby appoint the following individuals as attorneys of record, revoking all previous appointments:

Joseph J. Laks
Harvey D. Fried
Robert B. Levy

Registration No. 27, 914
Registration No. 28,298
Registration No. 28,234

Kindly send all future correspondence to the following address:

Joseph D. Tripoli
Thomson Licensing, Inc
Two Independence Way - Suite 200
Princeton, New Jersey 08540


By: Joseph S. Tripoli
Senior Vice President
Thomson Licensing, Inc.



**POWER OF ATTORNEY
GRASS VALLEY (U.S.) Inc.**

GRASS VALLEY (U.S.) Inc.
400 Providence Mine Road
Nevada City, California 95959
United States of America

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does hereby grant

Joseph S. Tripoli
Senior Vice President
Thomson multimedia Licensing Inc.
Two Independence Way
Princeton, New Jersey 08540
United States of America

a revocable, non-exclusive and delegable power of attorney to act for us (including the signing of requisite documents) in proceedings concerning patents and applications for patents, including international and other multi-country patents and applications for patents, in our name in the Patent Offices in all countries worldwide from March 4, 2002.

DATED this 24th day of May, 2002.

SIGNED *Timothy E. Thorsteinson*

Name: Timothy E. Thorsteinson
Title: President

WITNESS

Jocelyne Pletto
Jocelyne Pletto

P34484u51



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APRIL 15, 2002

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RECORDATION DATE: 01/28/2002

REEL/FRAME: 012561/0188
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LIRON, JOHN E.

DOC DATE: 11/29/2001

ASSIGNEE:

GRASS VALLEY GROUP, INC.
400 PROVIDENCE MINE ROAD
NEVADA CITY, CALIFORNIA 95959

SERIAL NUMBER: 09977655

PATENT NUMBER:

FILING DATE: 10/12/2001

ISSUE DATE:

JEFFREY OLSEN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

02 APR 19 PM 2:16

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SAN JOSE, CA

ASSIGNMENT DECLARATION

WHEREAS, I, John E. Liron, residing at 11052 Miners Way, Rough and Ready, California, 95975, have invented certain new and useful improvements in

ROUTING SWITCHER WITH VARIABLE INPUT/OUTPUT ARCHITECTURE

for which I:

 have executed an application for Letters Patent of the United States of even date herewith;

 X have filed an application for Letters Patent of the United States on October 12, 2001 under Serial No. 09/977,655 ; and

Grass Valley Group (U.S.) Inc., (hereinafter called Assignee), a Delaware corporation whose address is 400 Providence Mine Road, Nevada City, California 95959, desires to acquire my entire rights, title and interest in and to said improvements and said application;

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, I hereby assign and transfer to Assignee my entire right, title and interest in and to said improvements throughout the world, and in and to said application, including any continuation(s) or division(s) thereof, and any Letters Patent or other protective right(s) that may be granted therefor in the United States and in any and all foreign countries, including the right to file in foreign countries applications for protection of said improvements claiming priority from said applications.

I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and corresponding officials in any and all foreign countries to issue said Letters Patent(s) or protective right(s) to Assignee as the assignee of my entire rights, title and interest therein, for the sole use and benefit of Assignee.

I hereby covenant that I have full rights to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby agree to communicate to Assignee or its legal representatives any facts known to me/us relating to said improvements, to testify as to the same in any interference or legal proceeding concerned therewith, to execute promptly and deliver to Assignee or its legal representatives upon request any and all papers, instruments, declarations and affidavits required to apply for, obtain, maintain and enforce Letters Patent(s) or other protective right(s) for said improvements throughout the world, and generally to do everything necessary or desirable to vest and perfect title thereto in Assignee,

Docket No.: 11867/53

U.S. Serial No.: 09/977,655
Date Filed: October 12, 2001

This assignment is binding upon me and my heirs, successors and personal representatives, and shall inure to the benefit of Assignee, its successors, assigns and nominees.

IN TESTIMONY WHEREOF, I hereunto set my hands and seal the day and year set opposite my respective signature.

Dated: November 29, 2001

Inventor: John E. Liron
JOHN E. LIRON

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

Nevada

SS.

On

11/29/01
Date

, before me,

NANCY NEUDORFER NOTARY
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

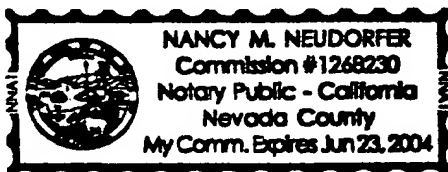
personally appeared

JOHN LIRON
Name(s) of Signer(s)

☒ personally known to me

☐ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



Place Notary Seal Above

WITNESS my hand and official seal.

Nancy M. Neudorfer
Signature of Notary Public

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☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

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OF SIGNER
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